

Work Order ID 68916

Monday, April 25, 2011 1:32:31 PM



Page 1

Item ID:	D2611	Accept		Setup	Start	
Revision ID:					Stop	
Item Name:	Bearing					
Start Date:	4/25/2011	Start Qty:	40.00		Cust Item ID:	
Required Date:	4/29/2011	Req'd Qty:	40.00		Customer:	
Reference:						

Approvals:	Process Plan:	<u>CL</u>	Date:	<u>11/04/26</u>	Tooling:		Date:		Run	Start	
	QC:		Date:		SPC (Y/N):		Date:			Stop	

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr								
D2611	Rev C								

100		0.00							
	PURCHASING								
Purchasing	Memo	0.00							
Purchasing	Issue P/O: <u>13948</u> <input type="checkbox"/> Purchase part as per Dwg D2611 <input type="checkbox"/> Possible supplier: McMaster <input type="checkbox"/> P/N: 63215K34 <input type="checkbox"/> Material release note required								

CL 11/04/26 (40)

110		0.00							
	Receive & Inspect for Damage & Mat'l Certs								
Packaging	Memo	0.00							
Packaging	Ensure certificate of conformity is attached								

11/04/27 (40)

120		0.00							
	QC6- Inspect dimensions to drawing								
QC	Memo	0.00							
Quality Control									

11/04/26

11/04/26 (40)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 68916

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Monday, April 25, 2011 1:32:31 PM

Item ID: D2611

Accept



Setup Start



Revision ID:

Stop



Item Name: Bearing

Start Date: 4/25/2011 Start Qty: 40.00



Cust Item ID:

Required Date: 4/29/2011 Req'd Qty: 40.00



Customer:

Reference:

Run Start



Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Stop



QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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130

Identify as per dwg & Stock Location 018

0.00



Packaging

Memo

0.00

Packaging

11/4/28 (90)

140

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

11/4/28

MF
11-04-28

W/O:		WORK ORDER CHANGES					
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DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Monday, April 25, 2011 1:32:39 PM

Page 1

Work Order ID: 68916



Parent Item: D2611



Parent Item Name: Bearing

Start Date: 4/25/2011

Required Date: 4/29/2011

Start Qty: 40.00

Required Qty: 40.00

Comments: IPP Rev:B ☐ 99.06.23 ☐ Re-format ☐ DM
Change to SS; Change Supplier- Rev.C 07.03.14 EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
63215K34 Bearing		Purchased	No				Each	0.0000		40		4/27/11	94

W/O:		WORK ORDER CHANGES					
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NOTE: Date & initial all entries

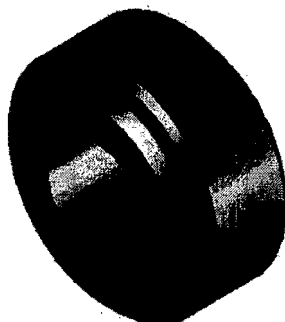


DESIGN 90	DRAWN BY CB	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED H	APPROVED H	DRAWING NO. D2611	REV. C SHEET 1 OF 1
DATE 06.09.20		TITLE BEARING	SCALE NTS
REV	DATE	DESCRIPTION	
A	97.07.31	NEW ISSUE	
B	01.07.04	RE-DRAWN	
C	06.09.20	CHANGE TO SS; CHANGE SUPPLIER	

SPECIFICATION CONTROL DRAWING

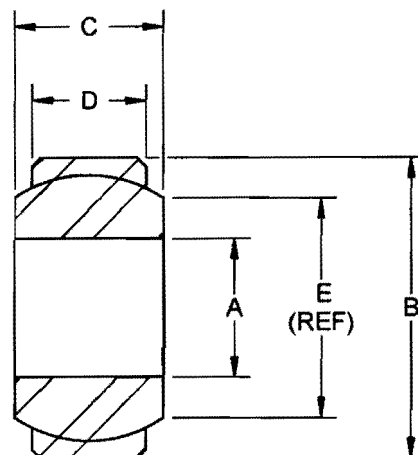
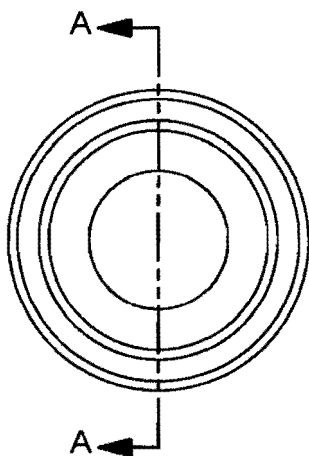
SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 48916

2/11-04-25



RELEASED

06.11.17



SECTION A-A



A	B	C	D	E (REF)	POSSIBLE SUPPLIER
0.375	0.813	0.406	0.313	0.592	McMASTER-CARR P/N 63215K34

NOTES:

- 1) STAINLESS STEEL BALL JOINT SWIVEL BEARING
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

▼ **NOTE:** Date & initial all entries



Dart Aerospace Ltd.
1270 Aberdeen Street.
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO13948**

Purchase Order Date 4/26/2011

PO Print Date 4/26/2011

Page Number 1 of 1

Order From :

VU-MCM001

MCMaster-CARR SUPPLY CO,
P.O. BOX 7690
CHICAGO, IL 60680-7690
US

Contact Name		Buyer	Chantal Lavoie
Vendor Phone	330 995 5500	Requisition Nbr	
Vendor Fax	330 995 9600	Tax Resale Nbr	10127-2607
Vendor Account Nbr		Terms	Net 30
		Currency	USD
		FOB	Destination-Collect

Ship To : DART AEROSPACE LTD 1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

PAID
4/26/2011

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	63215K34	Bearing	4/28/2011 Yes	40.00 Each	FedEx PI collect	\$17.2400	\$689.60
		Special Inst:	AS PER DWG D 2611 REV. C B68916 MCMaster P/N: 63215K34				
2	94905K72	2" hook & loop	4/28/2011 Yes	30.00 Each	FedEx PI collect	\$0.9100	\$27.30
		Special Inst:	AS PER DWG D3761 REV. A B68919 MCMaster P/N: 94905K72				
	9776K93	Flame retardent nylon Hook & Loop	4/28/2011 Yes	75.00 Each	FedEx PI collect	\$1.2608	\$94.56
		Special Inst:	AS PER DWG D3800 REV. B B68915 MCMaster P/N: 9776K93				

CERTIFICATE OF CONFORMITY
REQ'D UPON DELIVERY

PO Total: **\$811.46**

Change Nbr: 1

Change Date: 4/26/2011

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required when applicable



Purchase Order
R013948

Page 1 of 1

200 Aurora Industrial Parkway
Aurora OH 44202
330-995-5500
e.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada

McMaster-Carr Number
6353871-01

04/26/2011

A13

Line	Description	Ordered	Shipped
1	63215K34 Stainless Steel Ball Joint Swivel Bearing, PTFE Lined, 3/8" ID, 13/16" OD, 13/32" Overall Width	40 Each	40
	Unit Price:	\$17.24	
	Extended Price:	\$689.60	
2	94905K72 One-Piece Self-Gripping Hook & Loop Strap, 2" Width, 30' Length, Black, Lengths of 30	1 Length	1
	Unit Price:	\$27.30	
	Extended Price:	\$27.30	
3	9776K93 Flame-Retardant Nylon Hook and Loop, 1" W X 75' L, Adhesive Back, Beige, Packs of 75	1 Pack	1
	Unit Price:	\$94.56	
	Extended Price:	\$94.56	

3 - 482 - 03 07 - 38 K34 40 EA 1
1 - 459 2
1 - 455 3

Charges for this shipment

Merchandise Amount: \$811.46
Sales Tax: \$40.58
Total: \$852.04

Dart Aerospace Ltd

EXP



4 lbs
3 lines

Sm
12x12x12

FW1WBP33
04/26/2011
12:04/12:17
402
Cycle 35

35-B-0707



